



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 12341948
SAU: MSAD 40
School: Medomak Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009

Grade: 7

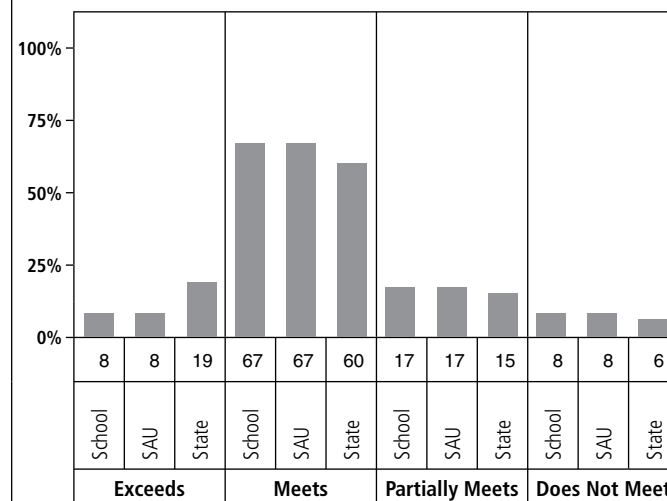
SAU: MSAD 40

School: Medomak Middle School

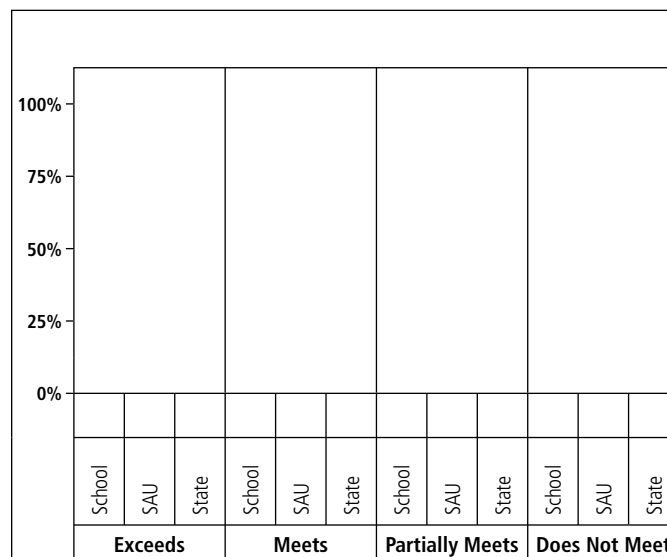
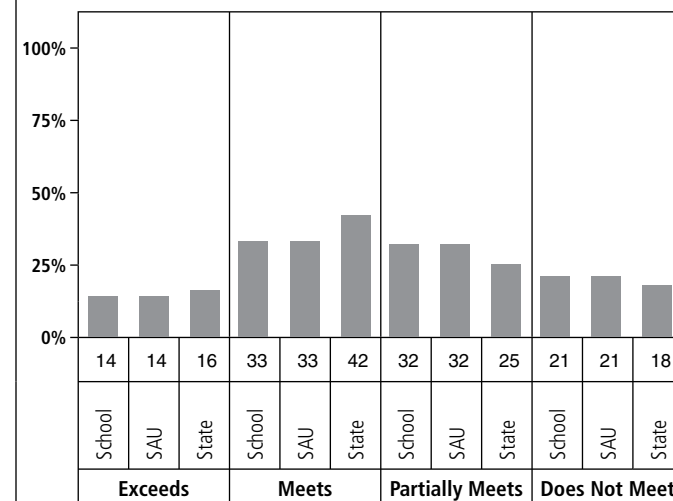
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	748	745 749 748 747	748 750 751 750
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	742	741 745 742 743	742 743 745 743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 40
School: Medomak Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	144	100	144	100	14446	100	142	99	142	99	14316	99	142	99	142	99	14322	99						
Ethnicity African American/Black	0	0	0	0	432	3	0	0	0	0	416	97	0	0	0	0	421	98						
American Indian or Native Alaskan	1	1	1	1	124	1	1	100	1	100	121	98	1	100	1	100	122	99						
Asian or Pacific Islander	1	1	1	1	260	2	1	100	1	100	255	98	1	100	1	100	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	142	99	142	99	13483	93	140	99	140	99	13380	99	140	99	140	99	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	29	20	29	20	2428	17	29	100	29	100	2391	99	29	100	29	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	80	56	80	56	5498	38	78	99	78	99	5431	99	78	99	78	99	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	88	61	88	61	11742	81	88	61	88	61	11754	81						
Identified disability (PET/IEP)	2	2	2	2	367	3	2	2	2	2	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	3	3	3	3	183	2	3	3	3	3	187	2						
Participation with accommodations	50	35	50	35	2367	16	51	35	51	35	2366	16						
Identified disability (PET/IEP)	23	46	23	46	1819	77	24	47	24	47	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	6	12	6	12	84	4	6	12	6	12	80	3						
Other	21	42	21	42	358	15	21	41	21	41	346	15						
Participation through alternate assessment (PAAP)	4	3	4	3	205	1	3	2	3	2	202	1						
Identified disability (PET/IEP)	4	100	4	100	205	100	3	100	3	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	1	1	1	1	33	0	1	1	1	1	32	0						
Non-participation – other	1	1	1	1	97	1	1	1	1	1	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 40
School: Medomak Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007			16	10	2630	18
	2007-2008			23	17	2604	18
	2008-2009	11	8	11	8	2618	19
	Cum. Total*			50	11	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007			79	48	7605	51
	2007-2008			75	54	8049	55
	2008-2009	93	67	93	67	8484	60
	Cum. Total*			247	56	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007			49	30	3000	20
	2007-2008			25	18	2672	18
	2008-2009	23	17	23	17	2108	15
	Cum. Total*			97	22	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007			19	12	1620	11
	2007-2008			15	11	1190	8
	2008-2009	11	8	11	8	899	6
	Cum. Total*			45	10	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.0	57.1	32.0	57.1	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.2	56.0	11.2	56.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	20.8	57.8	20.8	57.8	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 7
SAU: MSAD 40
School: Medomak Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	138	11	8	93	67	23	17	11	8	748	138	8	67	17	8	748	14109	19	60	15	6	751
Ethnicity																						
African American/Black	0										0						409	11	49	22	18	744
American Indian or Native Alaskan	1										1						117	12	53	19	16	746
Asian or Pacific Islander	1										1						253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	136	11	8	93	68	22	16	10	7	748	136	8	68	16	7	748	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	25	0	0	11	44	10	40	4	16	739	25	0	44	40	16	739	2186	2	36	35	27	737
No	113	11	10	82	73	13	12	7	6	749	113	10	73	12	6	749	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	138	11	8	93	67	23	17	11	8	748	138	8	67	17	8	748	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	75	5	7	43	57	19	25	8	11	745	75	7	57	25	11	745	5300	8	58	22	11	746
No	63	6	10	50	79	4	6	3	5	751	63	10	79	6	5	751	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	138	11	8	93	67	23	17	11	8	748	138	8	67	17	8	748	14101	19	60	15	6	751
Gender																						
Female	64	7	11	47	73	6	9	4	6	751	64	11	73	9	6	751	6993	24	61	11	4	754
Male	74	4	5	46	62	17	23	7	9	745	74	5	62	23	9	745	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	0	0	6	35	7	41	4	24	737	17	0	35	41	24	737	1025	10	53	27	11	745
No	121	11	9	87	72	16	13	7	6	749	121	9	72	13	6	749	13084	19	61	14	6	752
Gifted/talented program																						
Yes	0										0						676	66	33	1	0	766
No	138	11	8	93	67	23	17	11	8	748	138	8	67	17	8	748	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: MSAD 40

School: Medomak Middle School

QUESTIONNAIRE ITEMS	School										SAU						State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%		%
How much homework do you do on school nights?																							
A. none	10	0	0	8	62	4	31	1	8	743	10	0	62	31	8	743	7	8	48	25	19	743	
B. less than one hour	39	4	8	37	71	6	12	5	10	747	39	8	71	12	10	747	52	17	62	15	6	751	
C. one to two hours	44	7	12	41	69	8	14	3	5	750	44	12	69	14	5	750	37	23	61	12	4	753	
D. more than two hours	7	0	0	5	50	4	40	1	10	740	7	0	50	40	10	740	4	19	53	18	10	750	
Which of the following best describes how you rate yourself as a student in reading?																							
A. very good	24	3	9	25	78	3	9	1	3	753	24	9	78	9	3	753	30	33	56	7	4	756	
B. good	47	6	10	42	67	8	13	7	11	747	47	10	67	13	11	747	49	16	64	14	5	751	
C. fair	28	2	5	24	65	10	27	1	3	745	28	5	65	27	3	745	19	5	59	26	10	745	
D. poor	1	0	0	0	0	1	50	1	50	733	1	0	0	50	50	733	3	3	45	32	21	740	
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																							
A. The questions on the test match what I have learned in reading class.	41	10	18	37	67	4	7	4	7	751	41	18	67	7	7	751	33	24	62	10	3	754	
B. They match some of what I have learned.	52	1	1	46	67	17	25	5	7	746	52	1	67	25	7	746	52	18	62	15	5	751	
C. They match just a little of what I have learned.	7	0	0	8	89	1	11	0	0	749	7	0	89	11	0	749	11	11	54	23	13	746	
D. There is no match.	0										0						3	6	38	29	27	739	
How difficult was the reading part of this test?																							
A. more difficult than my regular schoolwork	12	2	13	13	81	0	0	1	6	751	12	13	81	0	6	751	17	16	55	18	12	748	
B. about the same as my regular schoolwork	62	7	9	52	63	18	22	5	6	748	62	9	63	22	6	748	65	19	62	14	5	752	
C. easier than my regular schoolwork	26	2	6	24	71	4	12	4	12	747	26	6	71	12	12	747	17	22	60	13	5	752	
How difficult were the reading passages on this test?																							
A. Most of the passages were more difficult than what I normally read.	8	0	0	8	73	1	9	2	18	742	8	0	73	9	18	742	9	4	44	27	24	740	
B. Most of the passages were about the same as what I normally read.	59	6	8	48	62	19	24	5	6	747	59	8	62	24	6	747	54	14	63	17	5	750	
C. Most of the passages were easier than what I normally read.	33	5	12	33	77	2	5	3	7	751	33	12	77	5	7	751	38	28	60	9	3	756	
How hard did you try on the reading part of this test?																							
A. I tried harder on this test than I do on my regular schoolwork.	57	6	8	53	69	14	18	4	5	748	57	8	69	18	5	748	44	19	60	15	6	751	
B. I tried about the same as I do on my regular schoolwork.	41	5	9	37	67	7	13	6	11	747	41	9	67	13	11	747	51	19	62	13	5	752	
C. I did not try as hard on this test as I do on my regular schoolwork.	1	0	0	1	50	1	50	0	0	748	1	0	50	50	0	748	5	9	51	26	15	744	
How much time do you spend reading at home each day?																							
A. more than one hour	17	1	4	18	78	1	4	3	13	749	17	4	78	4	13	749	21	27	57	11	5	755	
B. 20 minutes to an hour	58	10	13	52	67	12	15	4	5	750	58	13	67	15	5	750	45	22	62	12	4	753	
C. less than 20 minutes	8	0	0	8	73	2	18	1	9	743	8	0	73	18	9	743	13	13	61	17	8	749	
D. I rarely read at home.	16	0	0	13	59	7	32	2	9	742	16	0	59	32	9	742	21	7	59	24	11	746	
Optional school/SAU question																							
A.	25	0	0	0	0	1	100	0	0	730	25	0	0	100	0	730							
B.	25	0	0	0	0	1	100	0	0	730	25	0	0	100	0	730							
C.	50	0	0	1	50	1	50	0	0	741	50	0	50	50	0	741							
D.	0										0												

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 40
School: Medomak Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007 2007-2008 2008-2009 Cum. Total*	20	14	24 27 20 71	15 20 14 16	2142 2028 2220 6390	14 14 16 15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007 2007-2008 2008-2009 Cum. Total*	46	33	56 52 46 154	34 38 33 35	5642 5703 5879 17224	38 39 42 40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007 2007-2008 2008-2009 Cum. Total*	44	32	45 37 44 126	28 27 32 29	4077 3733 3537 11347	27 26 25 26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007 2007-2008 2008-2009 Cum. Total*	29	21	38 22 29 89	23 16 21 20	3001 3054 2484 8539	20 21 18 20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	27.9	49.8	27.9	49.8	29.9	53.4
A. Number	14	25	7.3	52.1	7.3	52.1	7.7	55.0
B. Data	16	29	7.3	45.6	7.3	45.6	8.1	50.6
C. Geometry	12	21	7.0	58.3	7.0	58.3	6.9	57.5
D. Algebra	14	25	6.3	45.0	6.3	45.0	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 40
 School: Medomak Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	139	20	14	46	33	44	32	29	21	742	139	14	33	32	21	742	14120	16	42	25	18	745
Ethnicity																						
African American/Black	0										0						416	5	26	28	41	733
American Indian or Native Alaskan	1										1						119	8	30	31	30	737
Asian or Pacific Islander	1										1						258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	137	20	15	46	34	44	32	27	20	742	137	15	34	32	20	742	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	26	0	0	5	19	9	35	12	46	728	26	0	19	35	46	728	2189	2	17	27	53	728
No	113	20	18	41	36	35	31	17	15	745	113	18	36	31	15	745	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	139	20	14	46	33	44	32	29	21	742	139	14	33	32	21	742	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	76	6	8	24	32	27	36	19	25	738	76	8	32	36	25	738	5308	7	35	30	28	738
No	63	14	22	22	35	17	27	10	16	747	63	22	35	27	16	747	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	139	20	14	46	33	44	32	29	21	742	139	14	33	32	21	742	14112	16	42	25	18	745
Gender																						
Female	64	13	20	18	28	23	36	10	16	744	64	20	28	36	16	744	6992	16	43	25	16	745
Male	75	7	9	28	37	21	28	19	25	740	75	9	37	28	25	740	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	0	0	4	24	6	35	7	41	729	17	0	24	35	41	729	1024	7	26	36	31	736
No	122	20	16	42	34	38	31	22	18	744	122	16	34	31	18	744	13096	16	43	24	17	745
Gifted/talented program																						
Yes	0										0						676	68	29	2	0	767
No	139	20	14	46	33	44	32	29	21	742	139	14	33	32	21	742	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: MSAD 40

School: Medomak Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	23	5	38	5	38	731	10	0	23	38	38	731	7	6	30	28	36	735
B. less than one hour	39	7	13	20	38	18	35	7	13	744	39	13	38	35	13	744	52	16	42	25	17	745
C. one to two hours	44	13	22	20	34	15	25	11	19	746	44	22	34	25	19	746	37	18	44	24	14	747
D. more than two hours	8	0	0	3	27	5	45	3	27	735	8	0	27	45	27	735	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	20	11	41	11	41	4	15	1	4	757	20	41	41	15	4	757	26	35	43	12	9	754
B. good	41	9	16	19	35	16	29	11	20	743	41	16	35	29	20	743	46	13	48	25	15	745
C. fair	30	0	0	14	35	16	40	10	25	736	30	0	35	40	25	736	23	3	32	37	27	737
D. poor	9	0	0	2	17	6	50	4	33	734	9	0	17	50	33	734	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	39	14	26	18	34	14	26	7	13	747	39	26	34	26	13	747	26	23	43	20	13	749
B. They match some of what I have learned.	51	6	9	24	35	24	35	15	22	741	51	9	35	35	22	741	53	15	45	26	15	746
C. They match just a little of what I have learned.	9	0	0	4	33	5	42	3	25	736	9	0	33	42	25	736	17	9	35	32	24	740
D. There is no match.	1	0	0	0	0	0	0	1	100	712	1	0	0	0	100	712	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	27	2	6	13	37	12	34	8	23	739	27	6	37	34	23	739	37	8	40	29	23	740
B. about the same as my regular schoolwork	63	14	17	27	33	26	32	15	18	744	63	17	33	32	18	744	51	16	44	25	15	746
C. easier than my regular schoolwork	11	4	29	5	36	4	29	1	7	749	11	29	36	29	7	749	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	54	9	13	30	42	23	32	9	13	745	54	13	42	32	13	745	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	41	10	19	15	28	18	33	11	20	743	41	19	28	33	20	743	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	14	1	14	2	29	3	43	735	5	14	14	29	43	735	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	0	0	2	50	1	25	1	25	741	3	0	50	25	25	741	8	8	30	29	33	737
B. 30–45 minutes	25	5	15	10	29	9	26	10	29	739	25	15	29	26	29	739	38	13	40	27	20	743
C. 45–60 minutes	51	12	17	25	36	24	35	8	12	746	51	17	36	35	12	746	42	20	45	23	12	748
D. more than 60 minutes	21	3	11	9	32	9	32	7	25	739	21	11	32	32	25	739	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	50	13	19	24	35	20	29	11	16	746	50	19	35	29	16	746	15	19	38	25	19	745
B. two or three days a week	33	4	9	13	29	17	38	11	24	738	33	9	29	38	24	738	31	18	42	24	16	746
C. two or three times a month	10	3	21	6	43	3	21	2	14	748	10	21	43	21	14	748	26	17	43	24	17	746
D. never or almost never	6	0	0	3	38	3	38	2	25	735	6	0	38	38	25	735	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	4	2	33	2	33	2	33	0	0	751	4	33	33	33	0	751	10	12	39	24	24	741
B. two or three days a week	10	0	0	3	23	3	23	7	54	730	10	0	23	23	54	730	22	13	43	26	18	744
C. two or three times each month	32	5	12	12	28	15	35	11	26	740	32	12	28	35	26	740	33	18	44	25	13	747
D. never or almost never	54	13	18	29	40	23	32	8	11	746	54	18	40	32	11	746	35	16	40	25	19	744
Optional school/SAU question																						
A.	25	0	0	0	0	1	100	0	0	732	25	0	0	100	0	732						
B.	25	0	0	0	0	0	0	1	100	722	25	0	0	0	100	722						
C.	50	0	0	1	50	0	0	1	50	737	50	0	50	0	50	737						
D.	0										0											